

## IN THE SPECIFICATION

[1011] Fig. 1 is a flow diagram of one such beamforming algorithm implemented in accordance with a conventional Minimum Mean Squared Error Algorithm.

A1 [1012] Fig. 2A is a block diagram showing one sector of a basic conventional cellular system.

[1013] Fig. 2B is a diagram of a cellular telephone system utilizing a smart antenna system.

[1014] Fig. 3 is a block diagram of a mobile unit in accordance with the present teachings.

[1015] Fig. 4 is a simplified block diagram of a base station in accordance with the presently disclosed method and apparatus, a public switched telephone network (PSTN), and a switch.

MS 109 [1016] Fig. 5 is a ~~simplified~~ block diagram of the smart antenna processor.

[1017] Fig. 6 is a flow diagram of an algorithm used to form beams.

[1018] Fig. 7 is a flow diagram of a spatial processing method.